



Irene Loe

Associate Professor of Pediatrics (Developmental-Behavioral Pediatrics)

CLINICAL OFFICE (PRIMARY)

- **Developmental Behavioral Pediatrics Program**

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Bio

CLINICAL FOCUS

- Developmental Behavioral Pediatrics

ACADEMIC APPOINTMENTS

- Associate Professor - University Medical Line, Developmental-Behavioral Pediatrics
- Member, Maternal & Child Health Research Institute (MCHRI)

PROFESSIONAL EDUCATION

- Fellowship: University of California at San Francisco School of Medicine (2003) CA
- Residency: University of California at San Francisco School of Medicine (2000) CA
- Internship: University of California at San Francisco School of Medicine (1998) CA
- Fellowship: Children's Hospital of Pittsburgh UPMC (2007) PA
- Fellowship: Children's Hospital of Pittsburgh UPMC (2005) PA
- Medical Education: University of Missouri Columbia School of Medicine (1997) MO
- Board Certification: Developmental Behavioral Pediatrics, American Board of Pediatrics (2006)

Research & Scholarship

CLINICAL TRIALS

- Brain Training in Children With/At-risk for Attention-Deficit/Hyperactivity Disorder and Executive Function Impairment, Not Recruiting
- Brain Training in Preterm Children at Risk for Inattention, Hyperactivity, and Executive Function Impairment, Not Recruiting
- Ready to Read: Ready to Read: A School-Based Intervention to Promote Growth Mindset and Reading, Not Recruiting

Publications

PUBLICATIONS

- **"Commentary: Complex Attention-Deficit Hyperactivity Disorder is Inherently Intersectional".** *Journal of developmental and behavioral pediatrics : JDBP*
Loe, I. M., Spinks-Franklin, A.
2026
- **Promoting Collaboration Among Pediatrics, Education, and Law in a Preschooler With Co-occurring Attention-deficit Hyperactivity Disorder and Cerebral Palsy.** *Journal of developmental and behavioral pediatrics : JDBP*
Loe, I., Spinks-Franklin, A., Espiritu, D., Koski, W. S., Diekroger, E. A., Fogler, J. M.
2025
- **Attention-Deficit/Hyperactivity Disorder in Medication Treated Preschool-Age Children Without and With Autism Spectrum Disorder: A Developmental-Behavioral Research Network Study** *JOURNAL OF DEVELOPMENTAL AND BEHAVIORAL PEDIATRICS*
Friedman, S. L., Shults, J., Barbaresi, W., Bax, A., Cacia, J., Deavenport-Saman, A., LaRosa, A., Loe, I. M., Mittal, S., Vanderbilt, D. L., Blum, N., Harstad, E.
2024; 45 (4): E372-E377
- **Receipt of Behavioral Therapy in Preschool-Age Children with ADHD and Coexisting Conditions: A DBPNet Study.** *Journal of developmental and behavioral pediatrics : JDBP*
Mittal, S., Bax, A., Blum, N. J., Shults, J., Barbaresi, W., Cacia, J., Deavenport-Saman, A., Friedman, S., LaRosa, A., Loe, I. M., Tulio, S., Vanderbilt, D., Harstad, et al
2023
- **Do Externalizing and Internalizing Symptoms Moderate Medication Response in Preschool Attention-Deficit/Hyperactivity Disorder? A DBPNet Study.** *Journal of developmental and behavioral pediatrics : JDBP*
Blum, N. J., Shults, J., Barbaresi, W., Bax, A., Cacia, J., Deavenport-Saman, A., Friedman, S., Loe, I. M., Mittal, S., Vanderbilt, D., LaRosa, A., Harstad, E.
2023; 44 (7): e447-e454
- **Adverse Effects of α -2 Adrenergic Agonists and Stimulants in Preschool-Age ADHD: A DBPNet Study.** *The Journal of pediatrics*
Loe, I. M., Blum, N. J., Shults, J., Barbaresi, W., Bax, A., Cacia, J., Deavenport-Saman, A., Friedman, S., LaRosa, A., Mittal, S., Vanderbilt, D., Harstad, E.
2023
- **How We Learn Helplessness from (and Actively Cope with) Institutionalized Racism.** *Journal of developmental and behavioral pediatrics : JDBP*
Fogler, J., Perrin, H., Loe, I.
2022; 43 (6): 370-372
- **Association of Coexisting Conditions, Attention-Deficit/Hyperactivity Disorder Medication Choice, and Likelihood of Improvement in Preschool-Age Children: A Developmental Behavioral Pediatrics Research Network Study.** *Journal of child and adolescent psychopharmacology*
Deavenport-Saman, A., Vanderbilt, D. L., Harstad, E., Shults, J., Barbaresi, W., Bax, A., Cacia, J., Friedman, S., LaRosa, A., Loe, I., Mittal, S., Blum, N.
2022
- **Disproportionate Representation of Children of Color and Parents with Disabilities in the Child Welfare System: The Intersection of Race/Ethnicity, Immigration Status, and Disability.** *Journal of developmental and behavioral pediatrics : JDBP*
Loe, I. M., Buysse, C. A., deBlank, M., Kirshbaum, M., Augustyn, M.
2021
- **Responding to Discriminatory Patient Requests.** *Journal of developmental and behavioral pediatrics : JDBP*
Moore, R., Loe, I. M., Whitgob, E., Cowden, J. D., Nyp, S. S.
2021
- **Preschool Attention-Deficit/Hyperactivity Disorder and Telephone Medication Management at Developmental-Behavioral Pediatric Network Sites.** *Journal of developmental and behavioral pediatrics : JDBP*
Harstad, E., Shults, J., Barbaresi, W., Bax, A., Cacia, J., Deavenport-Saman, A., Friedman, S., LaRosa, A., Loe, I., Mittal, S., Vanderbilt, D., Blum, N.

2021

- **α2-Adrenergic Agonists or Stimulants for Preschool-Age Children With Attention-Deficit/Hyperactivity Disorder.** *JAMA*
Harstad, E. n., Shults, J. n., Barbaresi, W. n., Bax, A. n., Cacia, J. n., Deavenport-Saman, A. n., Friedman, S. n., LaRosa, A. n., Loe, I. M., Mittal, S. n., Tulio, S. n., Vanderbilt, D. n., Blum, et al
2021
- **Racism as an Adverse Childhood Experience: An Interactive Workshop to Train Pediatricians to Address Racism in Clinical Care.** *Journal of developmental and behavioral pediatrics : JDBP*
Loe, I. M., Froehlich, T. E., Edrees, H. H., Spinks-Franklin, A.
2021
- **Diagnosis, Evaluation, and Treatment of Attention-Deficit/Hyperactivity Disorder.** *JAMA pediatrics*
Loe, I. M., Kakar, P. A., Sanders, L. M.
2020
- **Envisioning an Inclusive, Antiracist Society: How Do We Raise America's Children as the Next Generation of Antiracists?** *Journal of developmental and behavioral pediatrics : JDBP*
Loe, I. M.
2020
- **School Readiness in Preschoolers With Symptoms of Attention-Deficit/Hyperactivity Disorder.** *Pediatrics*
Perrin, H. T., Heller, N. A., Loe, I. M.
2019
- **Predicting text reading skills at age 8#years in children born preterm and at term.** *Early human development*
Borchers, L. R., Bruckert, L., Travis, K. E., Dodson, C. K., Loe, I. M., Marchman, V. A., Feldman, H. M.
2019; 130: 80–86
- **Behavior problems and executive function impairments in preterm compared to full term preschoolers.** *Early human development*
Loe, I. M., Heller, N. A., Chatav, M.
2019; 130: 87–95
- **Executive Function in Relation to White Matter in Preterm and Full Term Children** *FRONTIERS IN PEDIATRICS*
Loe, I. M., Adams, J. N., Feldman, H. M.
2019; 6
- **Impact of Chronic Medical Conditions on Academics of Children in the Child Welfare System** *FRONTIERS IN PUBLIC HEALTH*
Whitgob, E. E., Loe, I.
2018; 6
- **It Is Just Attention-Deficit Hyperactivity Disorder...or Is It?** *Journal of developmental and behavioral pediatrics*
Won, D. C., Guilleminault, C., Koltai, P. J., Quo, S. D., Stein, M. T., Loe, I. M.
2017; 38 (2): 169-172
- **The Effect of Bilingual Exposure on Executive Function Skills in Preterm and Full-Term Preschoolers.** *Journal of developmental and behavioral pediatrics*
Loe, I. M., Feldman, H. M.
2016; 37 (7): 548-556
- **Complementary assessments of executive function in preterm and full-term preschoolers** *CHILD NEUROPSYCHOLOGY*
Loe, I. M., Chatav, M., Alduncin, N.
2015; 21 (3): 331-353
- **Patient Protection and Affordable Care Act of 2010 and Children and Youth With Special Health Care Needs** *JOURNAL OF DEVELOPMENTAL AND BEHAVIORAL PEDIATRICS*
Feldman, H. M., Buysse, C. A., Hubner, L. M., Huffman, L. C., Loe, I. M.
2015; 36 (3): 207-217
- **Sensory processing in preterm preschoolers and its association with executive function** *EARLY HUMAN DEVELOPMENT*
Adams, J. N., Feldman, H. M., Huffman, L. C., Loe, I. M.

2015; 91 (3): 227-233

- **Impact of bilirubin-induced neurologic dysfunction on neurodevelopmental outcomes.** *Seminars in fetal & neonatal medicine*
Wusthoff, C. J., Loe, I. M.
2015; 20 (1): 52-57
- **Executive function mediates effects of gestational age on functional outcomes and behavior in preschoolers.** *Journal of developmental and behavioral pediatrics*
Loe, I. M., Feldman, H. M., Huffman, L. C.
2014; 35 (5): 323-333
- **Executive function is associated with social competence in preschool-aged children born preterm or full term.** *Early human development*
Alduncin, N., Huffman, L. C., Feldman, H. M., Loe, I. M.
2014; 90 (6): 299-306
- **Attention and Internalizing Behaviors in Relation to White Matter in Children Born Preterm** *JOURNAL OF DEVELOPMENTAL AND BEHAVIORAL PEDIATRICS*
Loe, I. M., Lee, E. S., Feldman, H. M.
2013; 34 (3): 156-164
- **Effects of early language, speech, and cognition on later reading: a mediation analysis.** *Frontiers in psychology*
Durand, V. N., Loe, I. M., Yeatman, J. D., Feldman, H. M.
2013; 4: 586-?
- **White matter microstructure on diffusion tensor imaging is associated with conventional magnetic resonance imaging findings and cognitive function in adolescents born preterm** *DEVELOPMENTAL MEDICINE AND CHILD NEUROLOGY*
Feldman, H. M., Lee, E. S., Loe, I. M., Yeom, K. W., Grill-Spector, K., Luna, B.
2012; 54 (9): 809-814
- **Oculomotor Assessments of Executive Function in Preterm Children** *JOURNAL OF PEDIATRICS*
Loe, I. M., Luna, B., Bledsoe, I. O., Yeom, K. W., Fritz, B. L., Feldman, H. M.
2012; 161 (3): 427-?
- **Executive function skills are associated with reading and parent-rated child function in children born prematurely** *EARLY HUMAN DEVELOPMENT*
Loe, I. M., Lee, E. S., Luna, B., Feldman, H. M.
2012; 88 (2): 111-118
- **Update on Environmental Risk Factors for Attention-Deficit/Hyperactivity Disorder** *CURRENT PSYCHIATRY REPORTS*
Froehlich, T. E., Anixt, J. S., Loe, I. M., Chirdkiatgumchai, V., Kuan, L., Gilman, R. C.
2011; 13 (5): 333-344
- **Behavior problems of 9-16 year old preterm children: Biological, sociodemographic, and intellectual contributions** *EARLY HUMAN DEVELOPMENT*
Loe, I. M., Lee, E. S., Luna, F., Feldman, H. M.
2011; 87 (4): 247-252
- **Oculomotor Performance Identifies Underlying Cognitive Deficits in Attention-Deficit/Hyperactivity Disorder** *JOURNAL OF THE AMERICAN ACADEMY OF CHILD AND ADOLESCENT PSYCHIATRY*
Loe, I. M., Feldman, H. M., Yasui, E., Luna, B.
2009; 48 (4): 431-440
- **Early Histories of School-Aged Children With Attention-Deficit/Hyperactivity Disorder** *CHILD DEVELOPMENT*
Loe, I. M., Balestrino, M. D., Phelps, R. A., Kurs-Lasky, M., Chaves-Gnecco, D., Paradise, J. L., Feldman, H. M.
2008; 79 (6): 1853-1868
- **Academic and educational outcomes of children with ADHD** *JOURNAL OF PEDIATRIC PSYCHOLOGY*
Loe, I. M., Feldman, H. M.
2007; 32 (6): 643-654
- **Academic and educational outcomes of children with ADHD** *AMBULATORY PEDIATRICS*

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2007; 7 (1): 82-90